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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

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 NEWS 2 OCT 04 Precision of EMBASE searching enhanced with new
                 chemical name field
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 NEWS 4 OCT 21 CA/CAplus kind code changes for Chinese patents
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 NEWS 16 JAN 24 The new and enhanced DPCI file on STN has been released
 NEWS 17 JAN 26 Improved Timeliness of CAS Indexing Adds Value to
                 USPATFULL and USPAT2 Chemistry Patents
 NEWS 18 JAN 26 Updated MeSH vocabulary, new structured abstracts, and
                 other enhancements improve searching in STN reload of
                 MEDLINE
 NEWS 19 JAN 28 CABA will be updated weekly

 NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
          AND CURRENT DISCOVER FILE IS DATED 9 JULY 2010.

 NEWS HOURS   STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN   Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

```
* * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:42:18 ON 31 JAN 2011

=> file reg
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY      SESSION
FULL ESTIMATED COST                                 0.23         0.23

FILE 'REGISTRY' ENTERED AT 09:42:38 ON 31 JAN 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   30 JAN 2011  HIGHEST RN 1261108-81-9
DICTIONARY FILE UPDATES:  30 JAN 2011  HIGHEST RN 1261108-81-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa.str
```
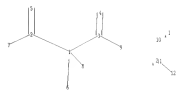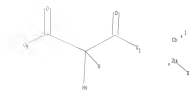
```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12
chain bonds :
1-2  1-3  1-6  1-8  2-5  2-7  3-4  3-9  11-12
exact/norm bonds :
1-6  2-5  2-7  3-4  3-9  11-12
exact bonds :
1-2  1-3  1-8


G1:[*1],[*2]

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:Atom  7:Atom  8:CLASS  9:CLASS  10:Atom
11:CLASS  12:CLASS
Generic attributes :
6:
Saturation              : Unsaturated
```
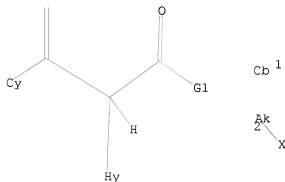
```
Type of Ring System    : Monocyclic
10:
Saturation             : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System    : Monocyclic




L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
```



```
G1 [@1],[@2]




Structure attributes must be viewed using STN Express query preparation.



=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:42:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   145126 TO ITERATE

100.0% PROCESSED   145126 ITERATIONS                        50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      2879942 TO  2925098
PROJECTED ANSWERS:            688 TO     1592

L2          50 SEA SSS SAM L1

=> d scan

L2   50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN   1,3-Propanedione, 1-[2-chloro-4-(methylsulfonyl)phenyl]-3-cyclopropyl-2-(2-
     pyrimidinyl)-
MF   C17 H15 Cl N2 O4 S
```
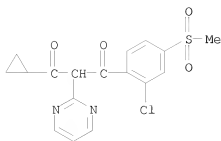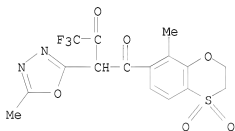
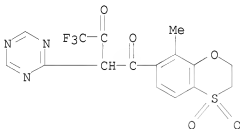**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

```
L2    50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN    1,3-Butanedione, 1-(2,3-dihydro-8-methyl-4,4-dioxido-1,4-benzoxathiin-7-
      yl)-4,4,4-trifluoro-2-(5-methyl-1,3,4-oxadiazol-2-yl)-
MF    C16 H13 F3 N2 O6 S
```


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
L2    50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN    INDEX NAME NOT YET ASSIGNED
MF    C16 H12 F3 N3 O5 S
```


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 sss full

```
FULL SEARCH INITIATED 09:43:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  2899321 TO ITERATE

  9.2% PROCESSED   267995 ITERATIONS                          0 ANSWERS

 10.9% PROCESSED   314778 ITERATIONS                          0 ANSWERS

100.0% PROCESSED  2899321 ITERATIONS                        969 ANSWERS
SEARCH TIME: 00.00.42

L3         969 SEA SSS FUL L1

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa-t3.str
```
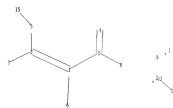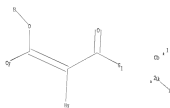


```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  15
chain bonds :
```

```
1-2  1-3  1-6  2-5  2-7  3-4  3-8  5-15  10-11
exact/norm bonds :
1-6  2-5  2-7  3-4  3-8  10-11
exact bonds :
1-2  1-3  5-15


G1:[*1],[*2]


Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:Atom  7:Atom  8:CLASS  9:Atom  10:CLASS
11:CLASS  15:CLASS
Generic attributes :
6:
Saturation            : Unsaturated
Type of Ring System   : Monocyclic
9:
Saturation            : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic




L4      STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4              STR
```
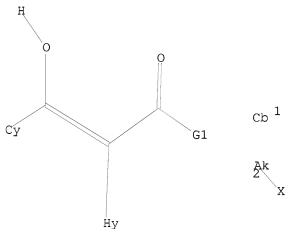
```
G1 [@1],[@2]



Structure attributes must be viewed using STN Express query preparation.


=> s l4 sss sam
SAMPLE SEARCH INITIATED 09:45:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   26810 TO ITERATE

100.0% PROCESSED   26810 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         526398 TO   546002
PROJECTED ANSWERS:                 0 TO        0

L5          0 SEA SSS SAM L4
```
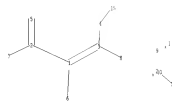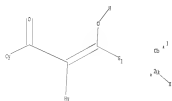
```
=> s l4 sss full
FULL SEARCH INITIATED 09:45:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    536724 TO ITERATE

100.0% PROCESSED    536724 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.03

L6             0 SEA SSS FUL L4

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa-t2.str
```



```
chain nodes :
1  2   3   4   5   6   7   8   9   10   11   15
chain bonds :
1-2   1-3   1-6   2-5   2-7   3-4   3-8   4-15   10-11
exact/norm bonds :
```

```
1-6   2-5   2-7   3-4   3-8   10-11
exact bonds :
1-2   1-3   4-15


G1:[*1],[*2]

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:Atom  7:Atom  8:CLASS  9:Atom  10:CLASS
11:CLASS  15:CLASS
Generic attributes :
6:
Saturation            : Unsaturated
Type of Ring System   : Monocyclic
9:
Saturation            : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic




L7       STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7               STR
```
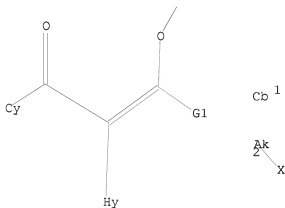


```
G1 [@1],[@2]



Structure attributes must be viewed using STN Express query preparation.


=> s l7 sss sam
SAMPLE SEARCH INITIATED 09:47:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    26810 TO ITERATE

100.0% PROCESSED    26810 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          526398 TO   546002
PROJECTED ANSWERS:                  0 TO        0

L8          0 SEA SSS SAM L7

=> s l7 sss full
```

```
FULL SEARCH INITIATED 09:47:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   536724 TO ITERATE

100.0% PROCESSED   536724 ITERATIONS                         0 ANSWERS
SEARCH TIME: 00.00.03

L9          0 SEA SSS FUL L7

=> d hist

    (FILE 'HOME' ENTERED AT 09:42:18 ON 31 JAN 2011)

    FILE 'REGISTRY' ENTERED AT 09:42:38 ON 31 JAN 2011
L1             STRUCTURE UPLOADED
L2          50 S L1 SSS SAM
L3         969 S L1 SSS FULL
L4             STRUCTURE UPLOADED
L5           0 S L4 SSS SAM
L6           0 S L4 SSS FULL
L7             STRUCTURE UPLOADED
L8           0 S L7 SSS SAM
L9           0 S L7 SSS FULL

=> file caplus
COST IN U.S. DOLLARS                         SINCE FILE     TOTAL
                                               ENTRY       SESSION
FULL ESTIMATED COST                            593.13       593.36

FILE 'CAPLUS' ENTERED AT 09:47:35 ON 31 JAN 2011
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REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Oct 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Oct 2010

CAplus now includes complete International Patent Classification (IPC)
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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l3
L10         8 L3
```